## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	12	(quadrature near2 amplitude near2 modulation or QMA)same (multi or double) same (chase or search or investigat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 13:40
S2	50496	(multi or double or binary) same (chase or search or investigat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 13:43
S3	21838	S2 and quadrature amplitude modulation or QAM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 13:45
S4	15756	S3 and (chase or search near2 element\$2 or bit\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 13:47
S5	6959	S4 and (add\$6 near2 output\$2 or product)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 13:49
S6	5102	S5 and (decid\$2 or determin\$4 near2 magnitude or size or streng \$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 13:53
S7	991	S5 and (decid\$2 or determin\$4 near2 magnitude or size or streng \$4) same (ortthog\$4 near comp\$5 or element\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 14:06
S8	874	S7 and ( diff\$6 near2 size or level)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 14:10

S9	80	S7 and ( diff\$6 near2 size or level) same (magnitude)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 14:11
S10	52	S9 and @ay< "2004"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 14:15
S11	1	("7082108").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/25 14:24
S12	8	(quadrature near2 amplitude near2 modulation or QMA)same (max\$5 near2 min\$5) same (magnit\$5 or size)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 14:33
S13	43	(quadrature near2 amplitude near2 modulation or QAM)same (multi or double) same (chase or search or investigat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 15:00
S14	19	S13 and @ay<"2004"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 15:02
S15	1	(quadrature near2 amplitude near2 modulation or QAM)same (efficien\$4 near2 demodul \$4 near2 signa\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 15:30
S16	17	(quadrature near2 amplitude near2 modulation or QAM)same (efficien\$4 near2 demodul \$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 15:33
S17	1	("2003/0102905").URPN.	USPAT	<b>A</b> DJ	ON	2009/03/25 17:44
S19	0	mutli-stage binary search	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/26 09:20
S20	0	multistage near2 binary near2 search	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/26 09:21

S21	5	multi-stage near2 binary near2 search	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/26 09:21
S22	802	demodulat\$4 near2 QAM near2 signal\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/26 09:28
S23	0	S22 and double near2 binary near2 search\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/26 09:29
S24	603	S22 and @ay<"2004"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/26 09:29
S26	130	S24 and (binary or bit) same (searc\$2 or locat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/26 09:31
S27	2	(10/217963).APP.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/03/26 13:50
S28	2	("20030102905").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/03/26 13:51
S29	4841	(diff\$4 near2 point\$ or level\$) same (QAM or quadrature near2 amplitude near2 modulation\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/03/26 17:46
S30	1024	(diff\$4 near2 point\$ or level\$) same (QAM or quadrature near2 amplitude near2 modulation\$) same (constellat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/03/26 17:47
S31	321	S30 and (detect\$ or determin\$) with (amplitud \$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/03/26 17:51
S32	385	S30 and (detect\$ or determin\$) with (amplitud \$ or shift\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/03/26 17:58
S33	286	S32 and @ay< "2004"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/03/26 18:01

S34	204	S33 and (demodulat\$3 near2 signal\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/03/26 18:02
\$35	54	\$34 and (multi\$4 or plural \$) with (stage\$ or circut \$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/03/26 18:13
S36	11	(quadrature near2 amplitude near2 modulation or QMA)same (multi or double) same (search or investigat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 17:25
\$37	52952	(multi or double or binary) same (chase or search or investigat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 17:26
S38	11	S36 and S37	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 17:26
S39	23247	S37 and quadrature amplitude modulation or QAM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 17:26
S40	11	S39 and S36	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 17:26
S41	15981	S39 and ( diff\$6 near2 size or level)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 17:26
S42	602950	(decid\$2 or determin\$4 near2 magnitude or size or streng\$4) same (ortthog \$4 near comp\$5 or element\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 17:29
S43	5	S36 and S42	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 17:29
S44	6	((RENE) near2 (BECKER)). INV.	EPO; JPO; DERWENT	ADJ	ON	2009/08/10 17:30
S45	2	((EDWIN) near2 (CHUNG)).INV.	EPO; JPO; DERWENT	ADJ	ON	2009/08/10 17:30
S46	2	((RENE) near2 (BECKER)). INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/10 17:30

S47	1	((EDWIN) near2 (CHUNG)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/10 17:30
S48	1	("6252902").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/10 17:32
<b>S</b> 49	1068	(diff\$4 near2 point\$ or level\$) same (QAM or quadrature near2 amplitude near2 modulation\$) same (constellat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/10 17:34
S50	399	S49 and (detect\$ or determin\$) with (amplitud \$ or shift\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/10 17:34
S51	243285	(multi\$4 or plural\$) with (stage\$ or circut\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/10 17:36
S52	3	S36 and S51	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/10 17:36
S53	26	(quadrature near2 amplitude near2 modulation or QAM)same (efficien\$4 near3 demodul \$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 17:45
S54	1034	(375/261).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/10 18:17
S55	2	S53 and S54	US-PGPUB; USPAT	ADJ	ON	2009/08/10 18:17
S56	25216	(quadrature near2 amplitude near2 modulation or QAM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 18:17
S57	742	S54 and S56	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 18:17
S58	3729	(375/260).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/10 18:21
S59	700	(375/298).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/10 18:22
S60	2352	(375/316).OOLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/10 18:22
S61	2352	(375/316).COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/10 18:23

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